

5 Patent claims

1. Climaproof cosmetic complex, which comprises
0.1 - 90 % by weight of a gelled oil composition consisting of
an oil component and a polymer component, which polymer
10 component is selected from the group consisting of tri-block
copolymers, star polymers, radial polymers, multi-block polymers
of polystyrene, polyethylene, polyvinyl chloride, polyisoprene,
polybutadiene, ethylene/butadiene copolymers, ethylene/propylene
copolymers, ethylene/butylene copolymers, ethylene-
15 propylene/diene copolymers, styrene-ethylene/propylene
copolymers, styrene-ethylene/butadiene copolymers, styrene-
isoprene copolymers, styrene-butadiene copolymers, styrene-
ethylene/propylene-styrene copolymers, styrene-
ethylene/butadiene-styrene copolymers, styrene-isoprene-styrene
20 copolymers, styrene-butadiene-styrene copolymers, and mixtures
thereof;
0.1 - 80 % by weight of a topic water-repellent cross-linked
polyester consisting of polyvalent alcohols and mono- or
dicarbon acids;
25 0.01 - 20 % by weight of a water-absorbing powder having a
particle size of 1 to 100 μm , which powder is selected from the
group consisting of natural plant powders rich in cellulose,
maltodextrine, starch, starch/polyacrylates copolymers, silicon
dioxide, silicates, synthetic polymers made from acrylic
30 monomers and mixtures thereof;
0.01 - 20 % by weight of a thickening agent; and
0.1 - 50 % by weight of organic solvents, carrier substances, or
mixtures thereof.

2. Climaproof complex according to claim 1, wherein the range for the gelled oil composition is 20 to 70 % by weight.

5 3. Climaproof complex according to claim 1, wherein the polymer share in the oil composition is in the range of 1:5 to 1:50 polymer component:oil component.

10 4. Climaproof complex according to claim 1, wherein the oil component is selected from the group consisting of hydrocarbons, fatty alcohols, natural and synthetic oils, esters, ethers, and mixtures thereof.

15 5. Climaproof complex according to claim 1, wherein the polymer selected from the group consisting of di-block copolymers, tri-block copolymers and mixtures thereof.

6. Climaproof complex according to claim 1, wherein the range for the water-repellent substance is 5 to 30 % by weight.

20 7. Climaproof complex according to claim 1, wherein the topic water-repellent substance has a molecular weight ranging from 600 to 8,000 and is a cross-linked polyester consisting of polyvalent alcohols and mono- or dicarbon acids.

25 8. Climaproof complex according to claim 1, wherein the complex contains 0.01 to 50 % by weight cross-linked silicone polymers.

30 9. Climaproof complex according to claim 1, wherein the complex is present in a cosmetic composition in a share of 5 to 80 % by weight, preferred 10-40 % by weight, related to the total weight of the cosmetic composition.

10. Use of a cosmetic complex in cosmetic products, which complex comprises

0.1 - 90 % by weight of a gelled oil composition consisting of

5 an oil component and a polymer component;

0.1 - 80 % by weight of a topic water-repellent substance;

0.01 - 20 % by weight of a water-absorbing powder having a particle size of 1 to 100 μm ;

0.01 - 20 % by weight of a thickening agent; and

10 0.1 - 50 % by weight of organic solvents, carrier substances, or mixtures thereof, for skin protection against weather-related environmental damage.

11. Use of claim 10, wherein the complex is integrated in a

15 product of decorative cosmetic selected from the group consisting of foundations, lotions, lipsticks, eye shadows, lip glosses, make-up's and rouges.

12. Use of claim 10, wherein the percentage of the complex in a

20 cosmetic product is in the range of 5 to 80 % by weight, preferred 5-40 % by weight, related to the total weight of the cosmetic composition.